

Claims:

What is claimed is:

1. An intra-oral or extra-oral dental restorative material comprising:
 - a) at least one polymerisable monomer
 - b) a first solid filler component with a mean particle size between 0.1 and 5 microns
 - c) a second solid filler component with a mean particle size at least ten times greater than the mean particle size of the first solid filler component and a particle size span of less than 1.5.
2. An intra-oral or extra-oral dental restorative material comprising:
 - a) at least one polymerisable monomer
 - b) a first solid filler component with a mean particle size between 0.1 and 5 microns
 - c) a second solid filler component with a mean particle size at least twenty times greater than the mean particle size of the first solid filler component and a particle size span of less than 1.5.
3. A material as in claim 1 in which the particle size span of the second filler is less than 1.3.
4. A material as in claim 2 in which the particle size span of the second filler is less than 1.3.
5. A material as in claim one in which 70 percent of the particles in the second filler component are within the range of 75 to 125 percent of its mean size.

6. A material as in claim one in which 80 percent of the particles in the second filler component are within the range of 75 to 125 percent of its mean size.